

CITY OF KENT 2020 SPRING RESIDENTIAL RECYCLING COLLECTION EVENT REPORT

1. TIME AND LOCATION

March 7, 9 am to 3 pm

Hogan Park at Russell Road, 24400 Russell Road, Kent, WA 98032

2. PARTICIPANTS

The number of participants and the average vehicle per minute are shown in Table 1.

Table 1, PARTICIPATION RATE

PARTICIPATION	SPRING 2020
Number of vehicles	1,145
Average vehicles per minute	3.10

2. MATERIALS COLLECTED PER VEHICLE

1,145 cars dropped off materials at the event, though due to the rain, we only documented the materials brought in each car from 8:50 to 11:30. During this time we gathered data from 755 cars. The remainder of the day we used hand counters to record the number of cars. In Table 2, we show the number of cars that brought in each material during the morning. The table below shows enough data to determine the most visited collection sites for the day.

Note that the figures add up to more than 100% because many people brought more than one material, although a significant number (49 percent) only brought in one material. In addition, 48 percent of the participants that brought in paper for shredding only brought that material, and 45 percent of the participants that brought in mattresses only brought in mattresses. We will examine this data further for possible improvements in the traffic flow for future events.

Table 2, NUMBER OF VEHICLES FROM WITH THESE MATERIALS

Item	Number of participants bringing this material	% of participants bringing this material
Shredding	293	38.8%
Metal and Appliances	277	36.7%
Styrofoam	139	18.4%
Batteries	124	16.4%
Electronics	119	15.8%
Mattresses and Box Springs	110	14.6%
Cardboard	66	8.7%
CFC – Refrigerators, Freezers, Air Conditioners	57	7.5%
Tires	51	6.8%
Toilets and Sinks	45	6.0%
Wood	45	6.0%
Reuse	38	5.0%
Propane Tanks	19	2.5%

Note: The table shows the records from (755 cars) from 8:50- 11:30 am

TABLE 3, EVENT STAFF

Green Solutions event staff
Sharon Conroy
Rick Hlavka
David Baker
Jill Weidman
Jay Donnaway
Terry Satran
One Certified Flagger

EVENT HIGHLIGHTS

Venue: Hogan Park offered us a good site. We encourage the City to continue to stage recycling events at Hogan Park. The recycling events require a site the same or larger than this venue to keep the traffic moving.

Traffic flow: A total of 1,145 cars attended the event. The morning was the busiest. By 8:30, one half hour before the event opening, cars formed a long line on Russell Road. We lined up the cars from in one direction to keep the other traffic on the street moving smoothly. We began letting people into the park about ten minutes early to alleviate the congestion on the street. Between 8:50 -11:30 the greeters welcomed 755 cars at 4.7 cars per minute. Despite the long lines, the traffic flowed smoothly within the event and the collectors worked as fast as possible to keep up with the traffic. The number of participants slowed down in the afternoon,

though continued at a steady pace. The certified flagger kept traffic flowing on Russell Road for those vehicles not attending the event. We coned off two lanes entering in the metal and mattresses collection area which improved the flow of traffic in the event site. The busiest materials collections included shredding and metals, followed by styrofoam and batteries. We expedited the cars with shredding only to bypass the other collection sites in the small lot and line up directly for shredding.

Participant response: The dry and sunny 35-degree morning turned into rain in the afternoon. This morning weather may have encouraged a good number of participants to attend. The participants continually expressed gratitude to the staff. They expressed delight to see all the other participants recycling. This popular community event answered the need for many residents to clean out their garages and closets and properly recycle their un-needed items.

Vendor and Staff feedback: Staff heard many comments about the smooth traffic flow and good organization of this event. Some of the vendors said they had more cars than they expected.

Staffing: Six staff members greeted participants and guided them where to take their materials. One Certified Flagger directed traffic on Russell Road. Greeters informed participants where to take items that were not collected at the event including hazardous waste and florescent lights.

Complaints and Comments: We received no complaints about the wait time. Two participants thought the event closed at 4:00 PM and were frustrated that they missed the event. Several cars parked near the shredder to wait until their paper was shredded. We greeted a few participants that were not fluent in English and we communicated with them so that they understood where to drop off their materials.